August 26, 1995

IRD CLASS FROM RTM (Updated)

paragraph_id	segment_allocation	req_title	text
~~LAND-0010~~	~~SDPS~~	~~activity calendar~~	~~The Landsat 7 MOC shall have the capability to send and the ECS shall have the capability to receive the Landsat 7 activity calendar.~~
LAND-0015	SDPS	MOC data acquisition	The MOC shall have the capability to interface with ECS as a user to acquire Landsat 7 metadata via a standing order.
LAND-0020	SDPS	directory information	~~The Landsat 7 Project shall have the capability to send and the ECS shall have the capability to receive directory information.~~ The ECS shall have the capability to provide access to the Landsat 7 directory in the GCMD.
LAND-0030	SDPS	data availability notice	The LPS shall have the capability to send and the ECS shall have the capability to receive data availability notices for Landsat 7 Level 0R data, and associated inventory metadata and browse data.
LAND-0040	SDPS	guide information	~~The Landsat 7 Project shall have the capability to send and the ECS shall have the capability to receive guide information.~~ The ECS shall have the capability to provide access to the Landsat 7 guide information.
LAND-0050	SDPS	inventory ~~information~~ metadata	The LPS shall have the capability to send and the ECS shall have the capability to receive inventory ~~information~~ metadata for Landsat 7 Level 0R data.
LAND-0060	SDPS	browse data	The LPS shall have the capability to send and the ECS shall have the capability to receive browse data for Landsat 7 Level 0R data.
LAND-0070	SDPS	Level 0R data	The LPS shall have the capability to send and the ECS shall have the capability to receive Landsat 7 Level 0R data.
LAND-0080	SDPS	data transfer acknowledgement	The ECS shall have the capability to send and the LPS shall have the capability to receive a data transfer acknowledgement.
LAND-0085	SDPS	acknowledgement	The ECS shall have the capability to send and the LPS shall have the capability to receive an acknowledgement after ECS archives the Landsat 7 data.

LAND-0090	SDPS	IGS inventory ~~information~~ metadata	The IGSs shall have the capability to send and the ECS shall have the capability to receive inventory ~~information~~ metadata for Landsat 7 IGS data.
LAND-0100	SDPS	~~Landsat 7~~ IGS browse data	The IGSs shall have the capability to send and the ECS shall have the capability to receive browse data for Landsat 7 IGS data.
LAND-0110	SDPS	IAS calibration information	The IAS shall have the capability to send and the ECS shall have the capability to receive Landsat 7 instrument (ETM+) calibration information and associated metadata.
LAND-0115	SDPS	IAS data acquisition	The IAS shall have the capability to interface with ECS as a user to acquire Landsat Level 0R data.
LAND-0120	CSMS	system managemnt status	The ECS shall have the capability to send and the MMO shall have the capability to receive system management status.
LAND-0125	CSMS	statistics and reports	The ECS shall have the capability to send and the MMO shall have the capability to receive statistics (TBD) and reports (TBD).
LAND-0130	CSMS	system management status	The MMO shall have the capability to send and the ECS shall have the capability to receive system management status.
LAND-0140	CSMS	product cost information	The MMO shall have the capability to send and the ECS shall have the capability to receive product cost information.
LAND-0150	SDPS	format	All information exchanged between the Landsat 7 System and the ECS shall be provided in mutally agreed to formats.
LAND-0160	SDPS	format	All information provided to the ECS by the IGSs shall be provided in mutally agreed to formats.
LAND-0170	SDPS	end-to-end test	ECS elements shall be capable of supporting end-to-end test and verification activities of the EOS program including ~~Landsat 7~~ pre-launch, satellite verification, and instrument verification and operational phases as they pertain to the Landsat 7/ECS interface. \\~~was 0800~~\
LAND-0180	SDPS	pre-launch support	The ECS shall be capable of ~~supporting~~ ingesting, storing and distributing data from LPS to support Landsat 7 for : a. Pre-launch checkout of instruments b. Development of initial calibration information. \\~~was 0281~~\\

LAND-0185	SDPS	interface testing	The ECS shall be capable of supporting interface testing, operations testing and acceptance testing with the LPS, IAS and MOC.
~~LAND-0190~~			~~The ECS function of receiving Landsat 7 data shall have an operational availability of 0.98 at a minimum and an MDT of two (2) hours or less. \\was 3920\\~~
~~LAND-0200~~			~~The ECS function of Landsat 7 Metadata and Browse ingest and update shall have an operational availability of 0.96 at a minimum and an MDT of four (4) hours or less. \\was 3960\\~~
LAND-0201	SDPS	data ingest and archive	The ECS shall be capable of ingesting and archiving and acknowledging Landsat 7 Level 0R data produced by LPS over 12 hours, within 8 hours from the time of receipt of the data availability notice from LPS.
LAND-0210	SDPS	distribution of data	The ECS shall begin normal distribution of Landsat 7 products, within 24 hours from the time of receipt of the product order.
LAND-0220	CSMS	LPS comm interface	~~The Landsat 7 LPS shall provide the electronic interface required to transmit and receive Landsat 7 data to and from ECS.~~ The Landsat 7 LPS shall provide the FDDI connector(s) and cable for connection to the ECS router and FDDI interface at EDC, required to transmit and receive Landsat 7 data to and from ECS.
LAND-0230	CSMS	MOC & MMO comm interfaces	The ECS shall be capable of interfacing with the MMO and MOC via the Internet.
LAND-0240	CSMS/SDPS	security	The interfaces and any systems connecting to the ECS through these interfaces shall be consistent and compatible with ESDIS implementation of all security requirements imposed on the ECS and with all security documents applicable to ECS.